

Patentee	Kohan	<b>COMMUNICATION REGARDING CERTIFICATE OF CORRECTION</b>
Patent No.	6,954,577	
Issue Date	10/11/2005	
Serial No.	10/626,933	
Attorney Docket No.	100.535US01	
Title: SYSTEM AND DEVICES FOR ROUTING AND MANAGING DATA CABLES FROM A TELECOMMUNICATIONS ENCLOSURE		

ATTN: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Patentee hereby requests issuance of a Certificate of Correction in U.S. Letters Patent No. 6,954,577 as specified on the attached Certificate (Form PTO/SB/44). Please find enclosed documentation supporting errors identified in the above noted patent, referred to herein as Exhibits A - C.

With respect to the error in claim 17 of the issued patent, Exhibit A is a copy of an Amendment and Response including claim 17 (as allowed; originally filed as claim 19 by Patentee) and a copy of a signed Certificate of Transmission indicating the Response was submitted to the U.S. Patent & Trademark Office on May 11, 2005. Exhibit B is a copy of columns 7 and 8 of the issued patent.

As shown by Exhibits A and B, claim 17 as allowed in Exhibit A does not recite the phrase “extending alone a length of the front surface,” as recited in line 56 of column 7 of the issued patent in Exhibit B. As presented in Exhibit A, claim 17 calls for the phrase “extending along a length of the front surface.” The identified error constitutes an Office error and, as such, does not introduce new matter.

With respect to the error in claim 61 of the issued patent, Exhibit A, as introduced above, includes claim 61 (as allowed; originally filed as claim 67 by Patentee). Exhibit C is a copy of columns 11 and 12 of the issued patent.

As shown by Exhibits A and C, claim 61 as allowed in Exhibit A does not recite the phrase “that is within the standard band radius for optical fibers” as recited in line 17 of column 12 of the issued patent in Exhibit C. As presented in Exhibit A, claim 61 calls

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for the phrase “that is within the standard bend radius for optical fibers.” The identified error constitutes an Office error and, as such, does not introduce new matter.

Patentee believes these corrections as specified are necessary due to the aforementioned Office errors in claims 17 and 61 (as issued) and therefore does not believe that any fee is due for issuance of a Certificate of Correction for this patent. However, if deemed necessary, the Office is authorized to charge any additional fees found due to Deposit Account No. 502432. Please contact the undersigned if you have any questions.

Respectfully submitted,

Date: October 20, 2008

/David N. Fogg/

David N. Fogg  
Reg. No. 35,138

Attorneys for Patentee  
Fogg & Powers LLC  
P.O. Box 581339  
Minneapolis, MN 55458-1339  
T – (612) 332-4720  
F – (612) 332-4731

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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APPLICATION NO. : 10/626,933  
ISSUE DATE : 10/11/2005  
INVENTOR(S) : Kohan

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Claim 17, Column 7, Line 56, replace the first occurrence of the word "alone" with --along--

At Claim 61, Column 12, Line 17, replace the first occurrence of the word "band" with --bend--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Fogg & Powers LLC  
P.O. Box 581339  
Minneapolis, MN 55458-1339

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## EXHIBIT A

Applicant(s)	Kohan	<p style="text-align: center;"><b><u>AMENDMENT</u></b>  <b><u>AND RESPONSE</u></b>  <b><u>UNDER 37 C.F.R. § 1.111</u></b></p>
Serial No.	10/626,933	
Filing Date	7/25/2003	
Group Art Unit	2839	
Examiner Name	Jean F. Duverne	
Confirmation No.	5412	
Attorney Docket No.	100.535US01	
Title: SYSTEM AND DEVICES FOR ROUTING AND MANAGING DATA CABLES FROM A TELECOMMUNICATIONS ENCLOSURE		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants have reviewed the Office Action mailed on January 11, 2005. Please amend the above-identified application as follows.

This paper is accompanied by a Petition, as well as the appropriate fee, to obtain a 1 month extension of the period for responding to the Office action, thereby moving the deadline for response from April, 11, 2005 to May 11, 2005.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 17 of this paper.

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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

1. (Currently Amended) A system for managing and routing one or more data cables, the system comprising:
  - a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to house at least one or more data cables;~~and~~
  - a cable routing station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard[.];  
and
  - wherein the cable routing station comprises,
    - a rear face having a front surface and a first edge extending along a length of the front surface,
    - a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,
    - a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction, and
    - wherein the cable routing clips rotate around an axis perpendicular to the rear face.
2. (Original) The system of claim 1, wherein at least one of the data cables is an optical fiber.

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3. (Previously presented) The system of claim 1, wherein the telecommunications enclosure has a top end and front end, and further wherein the cable routing station is coupled to the top end of the telecommunications enclosure and proximately adjacent to the front end of the telecommunications enclosure.
4. (Canceled)
5. (Currently amended) The cable routing station of claim [4] 1, wherein at least one of the one or more data cables is an optical fiber.
6. (Canceled)
7. (Currently amended) The cable routing station of claim [4] 1, wherein at least one cable routing clip is positioned a select distance from another of the at least one cable routing clip.
8. (Currently amended) ~~The cable routing station of claim 4, further comprising:~~ A cable routing station comprising:  
a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to house at least one or more data cables; and  
a cable routing station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard[.];  
and  
wherein the cable routing station comprises,

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a rear face having a front surface and a first edge extending along a length of the front surface,

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction,

one or more long cable routing clips adapted to guide data cables into the cable routing system station; and

one or more eyebrows, each eyebrow being coupled to the front surface of the rear face, each eyebrow having an engaging surface that has a bend radius along its length that is within the standard bend radius for optical fibers, wherein data cables abutting the eyebrow conform to the bend radius.

9. (Currently amended) The cable routing station of claim [4] 1, wherein the rear face includes two ends, the rear face being curved adjacent the ends.
10. (Currently amended) The cable routing station of claim [4] 1, wherein the rear face has exposed edges, further wherein the exposed edges of the rear face are hemmed.
11. (Currently amended) The cable routing station of claim [4] 1, further comprising:  
a plurality of fasteners attached to bottom plate.
12. (Currently amended) The cable routing station of claim [4] 1, further comprising:  
one or more long cable routing clips, wherein each long cable routing clip is coupled to the front surface of the mounting plate and is adapted to guide the one or more data cables to the cable routing system.

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13. (Original) The cable routing station of claim 12, wherein the long cable routing clips rotate around an axis perpendicular to the rear face.
14. (Original) The cable routing station of claim 12, wherein at least one long cable routing clip is positioned a select distance from another of the at least one long cable routing clip.
15. (Currently amended) ~~The cable routing station of claim 4, further comprising:~~ A cable routing station comprising:  
a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to house at least one or more data cables;  
a cable routing station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard;  
and  
wherein the cable routing station comprises,  
a rear face having a front surface and a first edge extending along a length of the front surface,  
a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,  
a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction; and  
one or more eyebrows, each eyebrow is coupled to the front surface of the rear face, one or more, each eyebrow having an engaging surface adapted to abut at least one of the one or more data cables.



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16. (Original) The cable routing station of claim 15, wherein the engaging surface of each eyebrow has a select bend radius that extends along the length of the engaging surface, wherein a section of data cable abutting the engaging surface substantially conforms to the bend radius of the engaging surface.
17. (Original) The cable routing station of claim 15, wherein the bend radius of the engaging surface is within the standard bend radius for optical fibers.
18. (Original) The cable routing station of claim 15, wherein the eyebrows have exposed edges, the exposed edges being hemed.
19. (Currently amended) ~~The system of claim 4, wherein the cable routing station comprising:~~ A cable routing station comprising:  
a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to house at least one or more data cables;  
a cable routing station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard;  
and  
wherein the cable routing station comprises,  
a rear face having a front surface and a first edge extending along a length of the front surface,  
a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,  
a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction;

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a mounting plate having a front surface and a first and second edge;  
a bottom plate coupled to the mounting plate extending along the length of the front surface proximate the first edge;  
at least one hook coupled to the front surface of the mounting plate proximate the second edge of the mounting plate;  
at least one cable hinge holder coupled to the bottom plate; and  
wherein the at least one closed cable hinge holder and the at least one hook are adapted to route data cables in a select direction.

20. (Original) The cable routing station of claim 19, wherein the bottom plate has at least one mounting aperture.
21. (Original) The cable routing station of claim 19, further comprising:  
a cable tunnel adapted to route multiple data cables, the cable tunnel coupled to the second edge of the mounting plate.
22. (Original) The cable routing station of claim 19, wherein the cable tunnel has exposed edges, the exposed edges of the cable tunnel being hemmed.
23. (Original) The cable routing station of claim 19, wherein the top surface of cable tunnel contain at least one access aperture.
24. (Original) The cable routing station of claim 19, wherein the mounting plate has exposed edges, the exposed edges of the mounting plate being hemmed.
25. (Currently amended) A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

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a rear face having a front surface and a first edge extending along the length of the front surface;

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face; and

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction[.] ;and

one or more long cable routing clips, wherein each long cable routing clip is coupled to the front surface of the mounting plate and is adapted to guide data cables into the cable routing system, wherein the long cable routing clips rotate around an axis perpendicular to the rear face.

26. (Original) The cable routing station of claim 25, wherein at least one data cable is an optical fiber.

27. (Original) The cable routing station of claim 25, wherein the cable routing clips rotate around an axis perpendicular to the rear face.

28. (Original) The cable routing station of claim 25, wherein at least one cable routing clip is positioned a select distance from another of the at least one cable routing clip.

29. (Currently amended) ~~The cable routing station of claim 25, further comprising:~~ A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

a rear face having a front surface and a first edge extending along the length of the front surface;

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;

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a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction;

one or more long cable routing clips adapted to guide data cables into the cable routing system; and

one or more eyebrows, each eyebrow being coupled to the front surface of the rear face, each eyebrow having an engaging surface that has a bend radius along its length that is within the standard bend radius for optical fibers, wherein data cables abutting the eyebrow conform to the bend radius.

30. (Original) The cable routing station of claim 25, wherein the rear face includes two ends, the rear face being curved adjacent the ends.

31. (Original) The cable routing station of claim 25, wherein the rear face has exposed edges, further wherein the exposed edges of the rear face are hemmed.

32. (Original) The cable routing station of claim 25, further comprising:  
a plurality of fasteners attached to bottom plate.

33. (Canceled)

34. (Canceled)

35. (Currently amended) The cable routing station of claim [33] 25, wherein at least one long cable routing clip is positioned a select distance from another of the at least one long cable routing clip.

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36. (Currently amended) ~~The cable routing station of claim 25, further comprising:~~ A cable routing station for managing and routing one or more data cables, the cable routing station comprising:
- a rear face having a front surface and a first edge extending along the length of the front surface;
  - a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;
  - a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction; and
  - one or more eyebrows, each eyebrow coupling to the front surface of the rear face and moreover, each eyebrow having an engaging surface adapted to abut one or more data cables.
37. (Original) The cable routing station of claim 36, wherein the engaging surface of each eyebrow has a select bend radius that extends along the length of the engaging surface, wherein a section of data cable abutting the engaging surface substantially conforms to the bend radius of the engaging surface.
38. (Original) The cable routing station of claim 36, wherein the bend radius of the engaging surface is within the standard bend radius for optical fibers.
39. (Original) The cable routing station of claim 36, wherein the eyebrows have exposed edges, the exposed edges being hemmed.
40. (Previously presented) A cable routing station for managing and routing one or more data cables, the cable routing station comprising:
- a mounting plate having a front surface and a first edge extending along the length of the front surface;

one or more long cable routing clips, wherein each long cable routing clip is coupled to the front surface of the mounting plate and is adapted to guide data cables to the cable routing system; and

one or more eyebrows, each eyebrow having an engaging surface that has a select radius along a length of the engaging surface, each eyebrow is coupled to the front surface of the mounting plate, wherein data cables routed about the engaging surface of an associated eyebrow substantially conform to the bend radius of the eyebrow.

41. (Original) The cable routing station of claim 40, wherein each eyebrow is adapted to bend data cables within the standard bend radius for optical fibers.
42. (Original) The cable routing station of claim 40, wherein at least one data cable is an optical fiber.
43. (Original) The cable routing station of claim 40, wherein at least one of the one or more long cable routing clips rotate around an axis perpendicular to the rear face.
44. (Original) The cable routing station of claim 40, wherein at least one long cable routing clips is positioned a select distance from another of the at least one long cable routing clip.
45. (Original) The cable routing station of claim 40, further comprising:  
one or more cable routing clips coupled to the front surface of the mounting plate, the one or more cable routing clips are adapted to route the data cables in a select direction.
46. (Original) The cable routing station of claim 40, wherein the mounting plate includes two ends, the mounting plate being curved to guide data cables adjacent the two ends.

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47. (Original) The cable routing station of claim 40, wherein the eyebrows have exposed edges, wherein the exposed edges are hemmed.
48. (Original) The cable routing station of claim 45, wherein at least one of the one or more cable routing clips rotate around an axis perpendicular to the rear face.
49. (Original) The cable routing station of claim 45, wherein at least one cable routing clip is positioned a select distance from another of the at least one cable routing clip.
50. (Previously presented) A cable routing station for managing and routing one to many data cables, the cable routing station comprising:  
a mounting plate having a front surface and a first and second edge;  
a bottom plate coupled to the mounting plate extending along the length of the front surface proximate the first edge;  
at least one hook coupled to the front surface of the mounting plate proximate the second edge of the mounting plate;  
at least one cable hinge holder coupled to the bottom plate; and  
wherein the at least one closed cable hinge holder and the at least one hook are adapted to route data cables in a select direction.
51. (Original) The cable routing station of claim 50, wherein at least one of the data cables is an optical fiber.
52. (Original) The cable routing station of claim 50, wherein the bottom plate has at least one mounting aperture.
53. (Original) The cable routing station of claim 50, wherein the mounting plate has exposed edges, the exposed edges of the mounting plate being hemmed.

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54. (Original) The cable routing station of claim 50, further comprising:  
a cable tunnel adapted to route multiple data cables, the cable tunnel coupled to the second edge of the mounting plate.
55. (Original) The cable routing station of claim 54, wherein the cable tunnel has exposed edges, the exposed edges of the cable tunnel being hemmed.
56. (Original) The cable routing station of claim 54, wherein the top surface of cable tunnel contains at least one access aperture.
57. (Currently amended) A method of managing data cables in a telecommunication system, the method comprising:  
routing data cables housed in a telecommunication chassis out of the chassis; [and]  
routing the data cables routed out of the chassis into a cable routing station attached to the chassis[.] ; and  
abutting each data cable on an engagement surface of an associated eyebrow,  
wherein each data cable will have a bend radius substantially the same as the bend radius of  
the engagement surface of the associated eyebrow.
58. (Original) The method of claim 57, further comprising:  
routing each data cable through associated cable routing clips in the cable routing station.
59. (Canceled)
60. (Original) The method of claim 57, further comprising:  
hemming exposed ends of the cable routing station.



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61. (Currently amended) ~~The method of claim 57, further comprising:~~ A method of managing data cables in a telecommunication system, the method comprising:  
routing data cables housed in a telecommunication chassis out of the chassis; [and]  
routing the data cables routed out of the chassis into a cable routing station attached to the chassis;  
routing each data cable through an associated cable hinge holder; and  
routing each data cable around and engagement surface of an associated hook, wherein the engagement surface of the hook has a select bend radius.
62. (Currently amended) A system for managing and routing one or more data cables, the system comprising:  
a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to receive one or more data cables; and  
a cable routing station including,  
a bottom plate adapted to be coupled to an external surface of the telecommunication enclosure,  
a rear plate extending generally perpendicular from an edge of the bottom plate and away from the external surface of the telecommunication housing, [and]  
one or more cable guides coupled to the rear plate adapted to route the one or more data cables in a non-damaging fashion[.];  
wherein the one of more cable guides further comprises:  
one or more hooks adapted to route the one or more data cables in a select direction; and  
one or more cable hinge holders, each cable hinge holder adapted to direct an associated data cable to an associated hook.

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63. (Previously presented) The system of claim 62, wherein the one or more cable guides are cable routing clips adapted to route the one or more data cables in a select direction.

64. (Canceled)

65. (Previously presented) The system of claim 62, further comprising:  
a cable channel adapted to guide the one or more data cables in a select direction, the cable channel coupled along the rear plate.

66. (Previously presented) The system of claim 62, wherein the one or more cable guides further comprises:  
a peg.

67. (Previously presented) A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

a rear face having a front surface and a first edge extending along the length of the front surface;

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction;

one or more long cable routing clips adapted to guide data cables into the cable routing system; and

one or more eyebrows, each eyebrow being coupled to the front surface of the rear face, each eyebrow having an engaging surface that has a bend radius along its length that is within the standard bend radius for optical fibers, wherein the one or more eyebrows are adapted such that data cables abutting each eyebrow conform to the bend radius.

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68. (Previously presented) A cable routing station for managing and routing one to many data cables, the cable routing station comprising:

- a mounting plate having a front surface and a first and second edge;

- a bottom plate coupled to the mounting plate extending along the length of the front surface proximate the first edge;

- at least one hook coupled to the front surface of the mounting plate proximate the second edge of the mounting plate;

- at least one cable hinge holder coupled to the bottom plate, wherein the at least one closed cable hinge holder and the at least one hook are adapted to route data cables in a select direction; and

- a cable tunnel adapted to route multiple data cables, the cable tunnel coupled to the second edge of the mounting plate.

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**REMARKS**

Applicant has reviewed the Office Action mailed on January 11, 2005 as well as the art cited. Claims 4, 6, 33, 34, 59, 64 have been canceled. Claims 1, 5, 7, 8, 9-12, 15, 19, 25, 29, 35, 36, 57, 61 and 62 have been amended. Claims 1-3, 5, 7-32, 35-58, 60-63 and 65- 68 are pending in this application.

Applicant has amended claims pursuant the Examiner's objections. In particular Claim 1 has been amended to include objected claim 6 and the intervening claim 4. Objected Claim 8 has been amended to include claim 1 and claim 4. Objected claim 15 has been amended to include claim 1 and claim 4. Objected claim 19 has been amended to include claims 1 and 4. Claim 25 has been amended to include objected claim 34 and intervening claim 33. Objected claim 29 has been amended to include claim 25. Objected claim 36 has been amended to include claim 25. Claim 57 has been amended to include objected claim 59 and claim 61 has been amended to include claim 57.

**Allowable Subject Matter**

Claims 40-56 and 67-68 are allowed.

Claims 6, 8, 13, 15-24, 29, 34, 36-39, 59, 61 and 64 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. As discussed above, the applicant has rewritten the objected claims.

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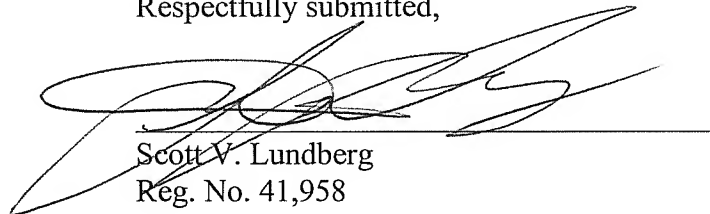
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CONCLUSION

Applicant respectfully submits that claims 1-3, 5, 7-32, 35-58, 60-63 and 65- 68 are in condition for allowance and notification to that effect is earnestly requested. If necessary, please charge any additional fees or credit overpayments to Deposit Account No. 502432.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at 612-455-1690.

Respectfully submitted,

Date: 5-11-05  
\_\_\_\_\_  
Scott V. Lundberg  
Reg. No. 41,958

Attorneys for Applicant  
Fogg and Associates, LLC  
P.O. Box 581339  
Minneapolis, MN 55458-1339  
T – (612) 332-4720  
F – (612) 332-4731

## EXHIBIT A

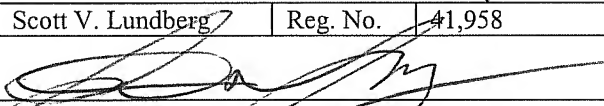
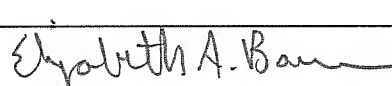
Applicant(s)	Kamran Kohan	<p style="text-align: center;"><b>FACSIMILE TRANSMITTAL FORM</b></p>
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Filing Date	July 25, 2003	
Group Art Unit	2839	
Examiner Name	Jean F. Duverne	
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Title: SYSTEM AND DEVICES FOR ROUTING AND MANAGING DATA CABLES FROM A TELECOMMUNICATIONS ENCLOSURE		

**TOTAL PAGES: 23 pgs. (including cover sheet)**

**TO CENTRAL FAX – (703) 872-9306**

**Attention: Examiner Jean F. Duverne, Art Unit 2839**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Enclosures							
The following documents are enclosed: <input checked="" type="checkbox"/> An Amendment and Response Under 37 C.F.R. 1.111 ( 18 pgs.). <input checked="" type="checkbox"/> Information Disclosure Statement (1 pg.) and Form 1449 (1 pg.). <input checked="" type="checkbox"/> Petition for a One-Month Extension of Time (1 pg.). <input checked="" type="checkbox"/> Credit Card payment Form PTO-2038 for extra claims fee, petition fee and IDS fee. <b>Please charge any additional fees or credit any overpayments to Deposit Account No. 502432.</b>							
Fee Calculation							
	Number of Claims	Claims Previously Paid for		Extra Claims		Fee	Fee Paid
Total Claims	62	68	=	-6	X	\$ 50	\$ -300
Independent Claims	14	8	=	6	X	\$ 200	\$ 1200
							\$ 900
Submitted By							
Name	Scott V. Lundberg	Reg. No.	41,958	Telephone	(612) 332-4720		
Signature				Date	5-11-05		
Attorneys for Applicant Fogg & Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339 T: 612-332-4720 F: 612-332-4731 CUSTOMER NUMBER: 34206							
Certificate of Transmission							
I certify that this paper, and the above-identified documents, are being transmitted by facsimile to, Examiner Jean F. Duverne, Group Art Unit 2839 (Facsimile No. 703-872-9306) of the United States Patent and Trademark Office on May 11, 2005.							
Name	Elizabeth A. Bauer		Signature				

11. The cable routing station of claim 10, wherein the long cable routing clips rotate around an axis perpendicular to the rear face.

12. The cable routing station of claim 10, wherein at least one long cable routing clip is positioned a select distance from another of the at least one long cable routing clip.

13. A cable routing station comprising:

a telecommunications enclosure having an external surface, wherein the telecommunication enclosure is adapted to house at least one or more data cables;

a cable routing station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard; and

wherein the cable routing station comprises,

a rear face having a front surface and a first edge extending along a length of the front surface,

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction; and

one or more eyebrows, each eyebrow is coupled to the front surface of the rear face, one or more, each eyebrow having an engaging surface adapted to abut at least one of the one or more data cables.

14. The cable routing station of claim 13, wherein the engaging surface of each eyebrow has a select bend radius that extends along the length of the engaging surface, wherein a section of data cable abutting the engaging surface substantially conforms to the bend radius of the engaging surface.

15. The cable routing station of claim 13, wherein the bend radius of the engaging surface is within the standard bend radius for optical fibers.

16. The cable routing station of claim 13, wherein the eyebrows have exposed edges, the exposed edges being hemmed.

17. A cable routing station comprising:

a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to house at least one or more data cables

a cable routine station coupled to the external surface of the telecommunications enclosure, the cable routing station adapted to selectively route at least one of the one or more data cables out of the telecommunications enclosure, wherein the route provides a bend radius for the at least one of the one or more data cables within a predetermined standard; and

wherein the cable routing station comprises,

a rear face, having a front surface and a first edge extending along a length of the front surface,

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face,

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route the one or more data cables in a select direction;

a mounting plate having a front surface and a first and second edge;

a bottom plate coupled to the mounting plate extending along the length of the front surface proximate the first edge;

at least one hook coupled to the front surface of the mounting plate proximate the second edge of the mounting plate;

at least one cable hinge holder coupled to the bottom plate; and

wherein the at least one closed cable hinge holder and the at least one hook are adapted to route data cables in a select direction.

18. The cable routing station of claim 17, wherein the bottom plate has at least one mounting aperture.

19. The cable routing station of claim 17, further comprising:

a cable tunnel adapted to route multiple data cables, the cable tunnel coupled to the second edge of the mounting plate.

20. The cable routing station of claim 17, wherein the cable tunnel has exposed edges, the exposed edges of the cable tunnel being hemmed.

21. The cable routing station of claim 17, wherein the top surface of cable tunnel contain at least one access aperture.

22. The cable routing station of claim 17, wherein the mounting plate has exposed edges, the exposed edges of the mounting plate being hemmed.

23. A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

a rear face having a front surface and a first edge extending along the length of the front surface;

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;

a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction; and

one or more long cable routing clips, wherein each long cable routing clip is coupled to the front surface of the mounting plate and is adapted to guide data cables into the cable routing system, wherein the long cable routing clips rotate around an axis perpendicular to the rear face.

24. The cable routing station of claim 23, wherein at least one data cable is an optical fiber.

25. The cable routing station of claim 23, wherein the cable routing clips rotate around an axis perpendicular to the rear face.

26. The cable routing station of claim 23, wherein at least one cable routing clip is positioned a select distance from another of the at least one cable routing clip.

27. The cable routing station of claim 23, wherein the rear face includes two ends, the rear face being curved adjacent the ends.

28. The cable routing station of claim 23, wherein the rear face has exposed edges, further wherein the exposed edges of the rear face are hemmed.

29. The cable routing station of claim 23, further comprising:

a plurality of fasteners attached to bottom plate.

30. The cable routing station of claim 23, wherein at least one long cable routing clip is positioned a select distance from another of the at least one long cable routing clip.

31. A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

a rear face having a front surface and a first edge extending along the length of the front surface;

a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;

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routing the data cables routed out of the chassis into a cable routing station attached to the chassis;  
 routing each data cable through an associated cable hinge holder; and  
 routing each data cable around and engagement surface of an associated hook, wherein the engagement surface of the hook has a select bend radius.

**57.** A system for managing and routing one or more data cables, the system comprising:

- a telecommunications enclosure having an external surface, wherein the telecommunications enclosure is adapted to receive one or more data cables; and
- a cable routing station including,
  - a bottom plate adapted to be coupled to an external surface of the telecommunication enclosure,
  - a rear plate extending generally perpendicular from an edge of the bottom plate and away from the external surface of the telecommunication housing,
  - one or more cable guides coupled to the rear plate adapted to route the one or more data cables in a non-damaging fashion;

wherein the one of more cable guides further comprises; one or more hooks adapted to route the one or more data cables in a select direction: and

one or more cable hinge holders, each cable hinge holder adapted to direct an associated data cable to an associated hook.

**58.** The system of claim **57**, wherein the one or more cable guides are cable routing clips adapted to route the one or more data cables in a select direction.

**59.** The system of claim **57**, further comprising:

- a cable channel adapted to guide the one or more data cables in a select direction, the cable channel coupled along the rear plate.

**60.** The system of claim **57**, wherein the one or more cable guides further comprises:

- a peg.

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**61.** A cable routing station for managing and routing one or more data cables, the cable routing station comprising:

- a rear face having a front surface and a first edge extending along the length of the front surface;

- a bottom plate extending from the first edge of the rear face at a select angle from the front surface of the rear face;

- a plurality of cable routing clips coupled to the front surface of the rear face adapted to route data cables in a select direction;

one or more long cable routing clips adapted to guide data cables into the cable routing system; and

one or more eyebrows, each eyebrow being coupled to the front surface of the rear face, each eyebrow having an engaging surface that has a bend radius along its length that is within the standard bend radius for optical fibers, wherein the one or more eyebrows are adapted such that data cables abutting each eyebrow conform to the bend radius.

**62.** A cable routing station for managing and routing one to many data cable, the cable routing station comprising:

- a mounting plate having a front surface and a first and second edge;

- a bottom plate coupled to the mounting plate extending along the length of the front surface proximate the first edge;

at least one hook coupled to the front surface of the mounting plate proximate the second edge of the mounting plate; at least one cable hinge holder coupled to the bottom plate, wherein the at least one closed cable hinge holder and the at least one hook are adapted to route data cables in a select direction; and

- a cable tunnel adapted to route multiple data cables, the cable tunnel coupled to the second edge of the mounting plate.

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